



BISHOP BLANCHET HIGH SCHOOL

The first LED project of its kind for a Seattle high school provides unrivaled light quality and savings.

For over half a century, Mickey Naish Field at Bishop Blanchet High School had no lights. Renting field space for night games and transporting students had become more challenging and costly, so the school launched a plan to install lights on their home turf. They first considered metal halide fixtures, but were concerned about the glare, poor-quality light, and frequent maintenance. Advanced LED technology was the answer.

Installed in less than a month, the energy-efficient field lights are benefitting the school, the students, and the community. In addition to saving more than \$3,900 a year over standard technology fixtures, the LEDs produce a focused and neighbor-friendly light. And with a lifespan of up to 16 times longer, the lamps won't need replacing for years to come. Now that Bishop Blanchet's athletic teams are able to host night games, attendance is up—and students, parents, and faculty are experiencing a newfound school spirit.

A rebate from Seattle City Light paid for more than \$14,000 of the project's total cost.

“The LEDs are really impressive, from the quality of light and the reduced glare to the savings on energy and maintenance costs. And working with Seattle City Light was great.”

ANTONIO DESAPIO

President, Bishop Blanchet High School

REBATES
AVAILABLE
(206) 684-3800
CALL TODAY

ABOUT BISHOP BLANCHET HIGH SCHOOL

- Catholic college preparatory school
- Founded in 1954
- 850 students

PROJECT SCOPE

- Installed 36 LED field lights and 8 LED footlights on 4 poles
- Partners included Sparling, Milne Electric, Inc., and Lighting Design Lab

LED ADVANTAGES

- Estimated savings: \$3,918 per year (56,000 kWh)
- Fewer lights needed
- Significantly reduced maintenance costs
- Longer lifespan
- Better quality of light with less glare

LED FIELD LIGHT PROJECT FOR BISHOP BLANCHET HIGH SCHOOL	
Total investment	\$207,144
Seattle City Light rebate	\$14,160
Customer investment after rebate	\$192,984
Energy cost savings in the first year*	\$3,918

*Cost savings after project completion, calculated using actual customer rate of \$0.07 per kWh (rate code for Medium & Large Commercial Service Rate Class).

LEDs

Today's LEDs are fast replacing incandescent, halogen, metal halide, and high-output fluorescent lamps. Continuous improvements in longevity, light quality, and pricing make these energy-efficient lamps a great choice for new and retrofit projects.

Start saving now

Like Bishop Blanchet High School, your organization could also benefit from Seattle City Light's rebates for upgrades to energy-saving lighting and equipment. To learn how you can lower your energy costs, contact an Energy Advisor at **(206) 684-3800** or **SCLEnergyAdvisor@seattle.gov** for a free assessment.

Rebates for energy conservation

Seattle City Light offers rebates as an incentive to customers to reduce their electricity use. When customers use less electricity, it helps us conserve our hydroelectric resources and avoid the expense of building new power plants or buying electricity on the open market.

TECHNOLOGY COMPARISON	QUANTITY	WATTS PER FIXTURE (APPROXIMATE)	LIFESPAN (APPROXIMATE)	ENERGY SAVINGS* (APPROXIMATE)
METAL HALIDE FIELD LIGHTS	44	1650	3,000 hours	
LED FIELD LIGHTS	36	630	50,000	68%
METAL HALIDE FOOTLIGHTS	8	1150	3,000 hours	
LED FOOTLIGHTS	8	394	50,000 hours	66%

*Energy savings based on last-generation metal halide technology versus LED technology.

OLD TECHNOLOGY NEW TECHNOLOGY



Seattle City Light is dedicated to exceeding our customers' expectations in producing and delivering environmentally responsible, safe, low-cost and reliable power.

This program may change without notice and is subject to the availability of funds.

Note: Ask your accountant about additional federal tax incentives that may be available for energy-efficient upgrades.

♻️ Printed on recycled paper made from 30% post-consumer waste fiber and manufactured with 100% renewable electricity.

SLD_CS_BB 121415